

Form 1449\*

Atty. Docket No.: 875.037US1

Serial No. 09/785,546

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant: Sonya Franklin

Filing Date: February 16, 2001

Group: 4653/652

## U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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## FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes
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## OTHER DOCUMENTS

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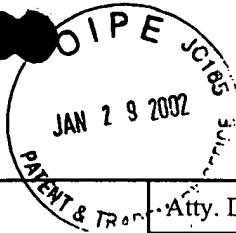
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CP	AT					

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CH	AK	Hettich, R., et al., "Supramolecular chemistry. Part 71. Evidence for hydrolytic DNA cleavage by lanthanide(III) and cobalt(III) derivatives", <u>J. Chem. Soc. Perkin Trans.</u> , 2, pp. 2069-2072, (1997)
CH	AL	Huang, B., et al., "Splase: A New Class IIS Zinc-Finger Restriction Endonuclease with Specificity for Sp1 Binding Sites", <u>Journal of Protein Chemistry</u> , 15 (5), pp. 481-489, (1996)
CH	AM	Itoh, T., et al., "Hydrolytic cleavage of DNA by a novel copper(II) complex with cis,cis-1,3,5-triaminocyclohexane", <u>Chemical Communications</u> , 7, pp. 677-678, (1997)
CH	AN	Kanaya, S., et al., "A Hybrid Ribonuclease H: A Novel RNA Cleaving Enzyme with Sequence-Specific Recognition", <u>The Journal of Biological Chemistry</u> , 267 (12), pp. 8492-8498, (1992)
CH	AO	Kim, Y., et al., "Chimeric restriction endonuclease", <u>PNAS</u> , 91, pp. 883-887, (Feb. 1994)
CH	AR	Kim, Y., et al., "Chimeric Restriction Enzyme: Gal4 Fusion to FokI Cleavage Domain", <u>Biol. Chem.</u> , 379, pp. 489-495, (1998)
CH	AP	Kim, Y., et al., "Hybrid restriction enzymes: Zinc finger fusions to Fok I cleavage domain", <u>PNAS</u> , 93, pp. 1156-1160, (1996)
CH	AR	Kissinger, C.R., et al., "Crystal Structure of an engrailed Homeodomain-DNA Complex at 2.8 A Resolution: A Framework for Understanding Homeodomain-DNA Interactions", <u>Cell</u> , 63, pp. 579-590, (1990)
CH	AS	Klemm, J.D., et al., "Crystal Structure of the Oct-1 POU Domain Bound to an Octamer Site: DNA Recognition with Tethered DNA-Binding Modules", <u>Cell</u> , 77, pp. 21-32, (1994)
CH	AT	Komiyama, M., et al., "Cerium(IV)-oligoDNA hybrid as highly selective artificial nuclease", <u>Supramolecular Chemistry</u> , 4, pp. 31-34, (1994)
CH	AW	Komiyama, M., et al., "Consecutive Catalysis by Cerium(III) Ion for Complete Hydrolysis of Phosphodiester Linkage in DNA", <u>Chemistry Express</u> , 8 (2), pp. 85-88, (1993)

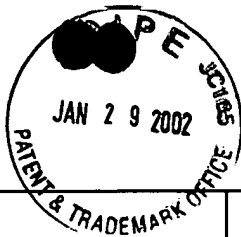
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## OTHER DOCUMENTS

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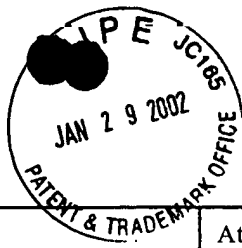
CPR	AV	Komiyama, M., et al., "DNA Hydrolysis by Cerium(IV) Does Not Involve either Molecular Oxygen or Hydrogen Peroxide", <u>Chemistry Letters</u> , <u>6</u> , pp. 1025-1028, (1994)
CPR	AW	Komiyama, M., et al., "Rare Earth Metal Ions for DNA Hydrolyses and Their Use to Artificial Nuclease", <u>Nucleosides &amp; Nucleotides</u> , <u>13</u> (6&7), pp. 1297-1309, (1994)
CPR	AX	Li, L., et al., "Alteration of the cleavage distance of Fok I restriction endonuclease by insertion mutagenesis", <u>PNAS</u> , <u>90</u> , pp. 2764-2768, (1993)
CPR	AY	Li, L., et al., "Functional domains in Fok I restriction endonuclease", <u>PNAS</u> , <u>89</u> , pp. 4275-4279, (1992)
CPR	AZ	Magda, D., et al., "Site-Specific Hydrolysis of RNA by Europium(III) Texaphyrin Conjugated to a Synthetic Oligodeoxyribonucleotide", <u>J. Am. Chem. Soc.</u> , <u>116</u> , pp. 7439-7440, (1994)
CPR	BA	Matsumura, K., et al., "Lanthanide Complex--Oligo-DNA Hybrid for Sequence-selective Hydrolysis of RNA", <u>Journal of Chemical Society, Chemical Communications</u> , pp. 2019-2020, (1994)
CPR	BB	Ott, R., et al., "DNA hydrolysis by inorganic catalysts", <u>Applied Microbiology and Biotechnology</u> , <u>52</u> (6), pp. 761-767, (Nov. 1999)
CPR	BC	Pomerantz, J.L., et al., "Structure-Based Design of Transcription Factors", <u>Science</u> , <u>267</u> , pp. 93-96, (1995)
	BD	Rammo, J., et al., "Catalysis of DNA cleavage by lanthanide complexes with nucleophilic or intercalating ligands and their kinetic characterization", <u>Chemical Communications</u> , pp. 105-107, (1996)
CPR	BE	Rammo, J., et al., "Ligand and Cosubstrate Effects on the Hydrolysis of Phosphate Esters and DNA with Lanthanoids", <u>Liebigs Annalen</u> , pp. 1757-1767, (1996)
CPR	BF	Rammo, J., et al., "Supramolecular complexes of transition-metal(II) ions for the hydrolysis of phosphate esters and of DNA", <u>Inorganica Chimica Acta</u> , <u>251</u> , pp. 125-134, (1996)

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## OTHER DOCUMENTS

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CM	B6	Reynolds, M.A., et al., "Antisense oligonucleotides containing an internal non-nucleotide-based linker promote site-specific cleavage of RNA", <u>Nucleic Acids Research</u> , 24 (4), pp. 760-765, (1996)
CM	B4	Roth, J.A., et al., "Gene Therapy for Cancer: What Have We Done and Where Are We Going?", <u>Journal of the National Cancer Institute</u> , 89 (1), pp. 21-39, (Jan. 1997)
CM	B2	Sagripanti, J., et al., "Site-specific Oxidative DNA Damage at Polyguanosines Produced by Copper Plus Hydrogen Peroxide", <u>The Journal of Biological Chemistry</u> , 264 (3), pp. 1729-1734, (1989)
CM	B5	Schnaith, L.M., et al., "Double stranded cleavage of pBR322 by a Diiron complex via a hydrolytic mechanism", <u>Proc. Nat. Acad. Sci. USA</u> , 91, pp. 569-573, (1994)
CM	B4	Schwabe, J.W., et al., "The Crystal Structure of the Estrogen Receptor DNA-Binding Domain Bound to DNA: How Receptors Discriminate between Their Response Elements", <u>Cell</u> , 75, pp. 567-578, (1993)
CM	BL	Schwabe, J.W., et al., "Zinc mining for protein domains", <u>Structural Biology</u> , 1(6), pp. 345-349, (1994)
CM	BM	Takenaka, S., et al., "Cleavage of Double Helical DNA by Cu <sup>2+</sup> Ion in the Presence of Bisintercalator Containing Penta(ethylene glycol) Connector Chain", <u>Journal of Molecular Recognition</u> , 3 (4), pp. 156-162, (1990)
CM	BN	Trawick, B.N., et al., "Inorganic Mimics of Ribonucleases and Ribozymes: From Random Cleavage to Sequence-Specific Chemistry to Catalytic Antisense Drugs", <u>Chemical Reviews</u> , 98 (3), pp. 939-960, (1998)
CM	BO	Uchiyama, Y., et al., "DNA-Linked RNase H for Site-Selective Cleavage of RNA", <u>Bioconjugate Chemistry</u> , 5 (4), pp. 327-332, (1994)
CM	BP	Vlassov, V., et al., "Sequence-Specific Cleavage of Yeast tRNA-Phe with Oligonucleotides Conjugated to a Diimidazole Construct", <u>Antisense &amp; Nucleic Acid Development</u> , 7, pp. 39-42, (1997)
CM	BQ	Wolberger, C., et al., "Crystal Structure of a MATapha 2 Homeodomain-Operator Complex Suggests a General Model for Homeodomain-DNA Interactions", <u>Cell</u> , 67, pp. 517-528, (1991)

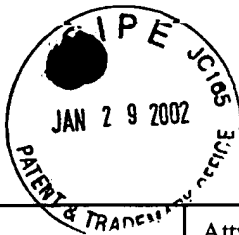
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Form 1449*	Atty. Docket No.: 875.037US1	Serial No. 09/785,546
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## OTHER DOCUMENTS

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CPA	BR	Zhu, B., et al., "Lanthanide binuclear macrocyclic complexes as synthetic enzymes for the cleavage of DNA", <u>Journal of Molecular Catalysis A: Chemical</u> , 135, pp. 107-110, (1998)
CPA	BS	Zuckerman, R.N., et al., "A Hybrid Sequence-Selective Ribonuclease S", <u>J. Am. Chem. Soc.</u> , 110, pp. 6592-6594, (1988)
CPA	BT	Zuckermann, R.N., et al., "Site-selective cleavage of structured RNA by a staphylococcal nuclease-DNA hybrid", <u>PNAS</u> , 86, pp. 1766-1770, (1989)

Examiner <i>CPA/BR</i>	Date Considered <i>9/16/02</i>
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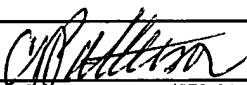
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## OTHER DOCUMENTS

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**Examiner Initial		
CPK	BV	Mannervik, M., "Target Genes of Homeodomain Proteins", <u>BioEssays</u> , Vol. 21, No. 4, pp. 267-270, (April, 1999)
CPK	BV	Richardson, C.C., et al., "Homeodomain Proteins", <u>Annual Review of Biochemistry</u> , Vol. 63, pp. 487-526, (1994)
CPK	BW	Stein, S., et al., "Checklist: Vertebrate Homeobox Genes", <u>Mechanisms of Development</u> , ISSN 0924-4773, Vol. 55, No. 1, pp. 91-108, (March, 1996)
CPK	BK	Stroud, R.M., et al., "Eukaryotic Transcription Factor-DNA Complexes", <u>Annual Review of Biophysics and Biomolecular Structure</u> , Vol. 26, pp.289-325, (1997)
CPK	BY	Vollmer, J.Y., et al., "Homeobox Genes in the Developing Mouse Brain", <u>Journal of Neurochemistry</u> , Vol. 71, No. 1, pp. 1-19, (July, 1998)
CPK	BZ	Wolberger, C., "Homeodomain Interactions", <u>Current Opinion in Structural Biology</u> , Vol. 6, No. 1, pp. 62-68, (February, 1996)

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